

IFW

03500.018289.

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KOJI YANO, et al.

Application No.: 10/553,977

Filed: October 20, 2005

For: SENSOR FOR DETECTING A  
TARGET SUBSTANCE IN A FLUID

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: Group Art Unit: 1743  
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June 9, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below and on the enclosed Form PTO-1449. Copies of the listed foreign documents are also enclosed.

- (1) U.S. Patent Publication No. 2002/0118937
- (2) U.S. Patent Publication No. 2002/0131737
- (3) U.S. Patent Publication No. 2002/0155592
- (4) U.S. Patent Publication No. 2002/0191884
- (5) U.S. Patent No. 6,532,326
- (6) U.S. Patent No. 6,539,155
- (7) WO 02/50514
- (8) DE 101 19 618

- (9) U.S. Patent Publication No. 2004/0069948
- (10) Thierry Cassagneau, et al., ADVANCED MATERIALS, Vol. 14, No. 22, pp. 1629-1633 (2002)
- (11) Louis C. Bock, et al., NATURE, Vol. 355, pp. 564-566 (1992)
- (12) WO 92/14843
- (13) JP 9-216895
- (14) U.S. Patent No. 5,780,449
- (15) JP 8-252100
- (16) WO 91/19813

Documents (9), (14) and (16) are believed to be English-language counterparts to documents (7), (13) and (15), respectively, and are provided for the Examiner's convenience. In addition, English-language abstracts are provided for documents (7), (8), (13) and (15). Document (10) is cited in the specification at page 1, and documents (11) to (13) and (15) are cited in the specification at pages 82 and 83. Concise explanations of relevance are believed to be provided by the English-language counterparts, English-language abstracts and/or the specification.

Inasmuch as this application has not yet received a first Office Action on the merits, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. § 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portion of Form PTO-1449.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

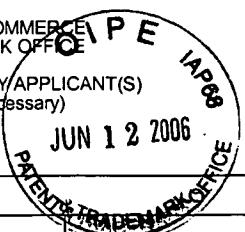
Respectfully submitted,

  
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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)ATTY DOCKET NO.  
**03500.018289**APPLICATION NO.  
**10/553,977**

APPLICANT

**KOJI YANO, et al.**

FILING DATE

**October 20, 2005**GROUP  
**1743**

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
/B.K./	2002/0118937	08/29/2002	Broderick, et al.	385	125	
	2002/0131737	09/19/2002	Broeng, et al.	385	123	
	2002/0155592	10/24/2002	Kelleher, et al.	435	288.7	
	2002/0191884	12/19/2002	Letant, et al.	385	12	
	6,532,326	03/11/2003	Hutchinson, et al.	385	37	
	6,539,155	03/25/2003	Broeng, et al.	385	125	
	2004/0069948	04/15/2004	Feisst Arno, et al.	G01N21	35B	
↓	5,780,449	07/14/1998	Bracht, et al.	514	44	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATIO N YES/NO/ OR ABSTRACT
/B.K./	WO 02/50514	06/27/2002	PCT			Abstract
	101 19 618	10/24/2002	GERMANY			Abstract
	WO 92 14843	09/03/1992	PCT			
	9-216895	09/19/1997	JAPAN			Abstract
	8-252100	10/01/1996	JAPAN			Abstract
↓	WO 91/19813	12/26/1991	PCT			Abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

/B.K./	Thierry Cassagneau, et al., ADVANCED MATERIALS, Vol. 14, No. 22, pp. 1629-1633 (2002)		
/B.K./	Louis C. Bock, et al., Vol. 355, pp. 564-566 (1992)		

EXAMINER /Bryan Kilpatrick/ DATE CONSIDERED 03/11/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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